



# AT400 & AT600 POOL/SPA HEAT PUMPS

### Fan Cowling-Venturi

Super Quiet Running  
Reduces Operational Costs



### ProLogic Control™

Dual Electronic Thermostat  
Diagnostic Status Lights  
Optional Time Clock Override



### Corrosion Proof ABS Cabinet

Will Not Rust, Fade or Crack  
Sealed Electrical Compartment

### Automatic Bypass

Internal Self Adjusting Bypass Valve  
2" Full Flow Plumbing

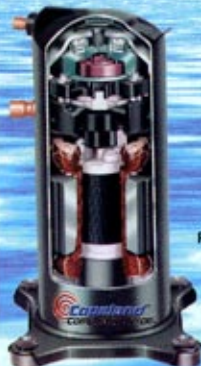


**Oversized Air Coil**  
Maximum Heat Transfer  
High Efficiency & BTU Output

## Copeland Scroll



Scroll Chamber



Refrigerant  
Receiver Tank

### Cupronickel Alloy Heat Exchanger

Chemical Resistant Alloy Water Passage  
with Hardened Copper Exterior  
Super Corrosion Resistant "Inside & Out"



### Scroll™ Compressor

The Most Efficient Compressor Available  
Equipped With An Exclusive Refrigerant Receiver Tank



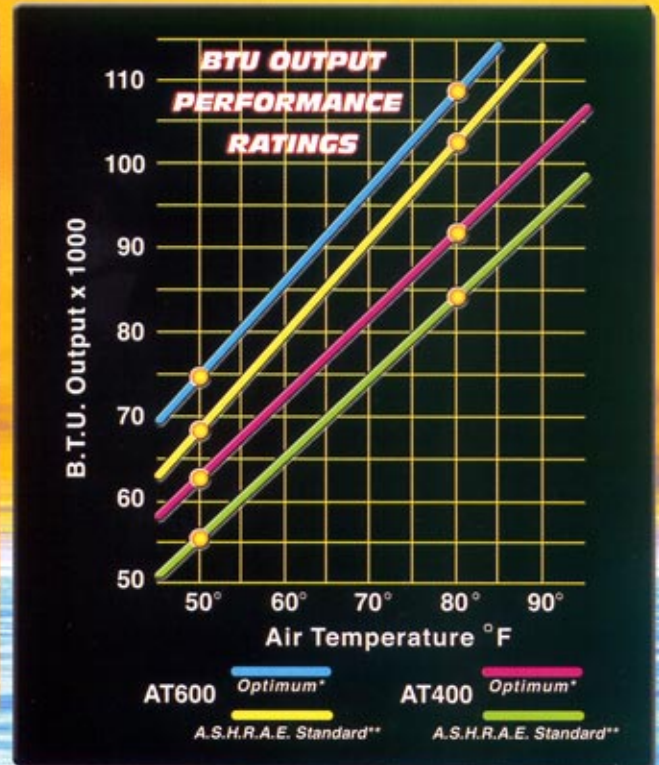


## POOL/SPA HEAT PUMPS



### AT600 & AT400 SPECIFICATIONS

	AT600	AT400
Model Number	AT600	AT400
BTU Output	108,000*/102,000**	92,000*/84,000**
Coefficient of Performance	6.0*/4.9**	6.4*/5.5**
Copeland Scroll™ Compressor	ZR67 w/ Receiver Tank	ZR54 w/ Receiver Tank
Heat Exchanger Condenser	Cupronickel Alloy-Water / Copper-Exterior	
Air Coil Evaporator	Oversized: Copper Tube w Lanced Fin	
Fan Motor	1/4 H.P. @ 1.6 Amps	
Air Flow	4000 C.F.M. w/ Cowling Venturi	
Kilowatt Input	5.8 Kw/Hour	4.4 Kw/Hour
Electrical (208/240v/60Hz)	Single Phase	Single Phase
Typical Running Amps	27.4 Amps	20.4 Amps
Minimum Circuit Ampacity	37 Amps	30 Amps
Min/Max Breaker Size	40/50 Amps	35/40 Amps
Min/Max Water Flow	20/70 GPM	20/70 GPM
Refrigerant Charge	R22	R22
Water Plumbing	2" Full Flow w Internal Automatic Bypass	
Cabinet Construction	Corrosion Proof Molded ABS	
Ship Weight	305 Lbs.	279 Lbs.
Dimensions	35H x 31W x 34L	29H x 31W x 34L



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Heat pump output and efficiency vary with weather conditions. The blue & red lines illustrate the optimum peak performance rating typical of the Florida climate. The yellow & green lines illustrate the A.S.H.R.A.E. standard performance rating.

\* Optimum output & efficiency typical of Florida conditions. Ratings outside the scope of P.H.P.M.A. heat pump pool heater certification program.

\*\* Rated and certified in accordance with A.S.H.R.A.E. standard 146-1998 and P.H.P.M.A. addendum test procedure.